

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	sensor with ultra\$3violet and camera and backlight with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 19:02
S2	20	sensor with ultra\$3violet and camera and (backlight OR BACKGROUND) with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:51
S3	77	detect\$4 with ultra\$3violet and camera and (backlight OR BACKGROUND) with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:57
S4	445	(detect\$4 or measur\$4 or sens\$3) with ultra\$3violet and (backlight OR BACKGROUND) with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:54
S5	8	S4 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:56
S7	102	S4 and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:56
S8	53	S4 and camera and display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:56
S9	1	detect\$4 with ultra\$3violet and camera and (rear with (illumination or brightness)) with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:58
S10	5	detect\$4 with ultra\$3violet and camera and ((back or rear) with (illumination or brightness)) with ultra\$3violet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:59

## EAST Search History

S11	15	((JUNG with JEE-YOUNG) (JUNG with JAE-IK)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 19:01
S12	3	"6541775"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 19:01
S13	7	sensor with (ultra\$3violet or uv) and camera and backlight with (ultra\$3violet or uv)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 19:02
S14	1	("6541775").URPN.	USPAT	OR	ON	2007/06/08 19:04
S15	10	("4239554"   "4733383"   "4985632"   "5008548"   "5387798"   "5481506"   "5500532"   "5686727"   "5847397"   "5894454").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:13
S16	108	348/227.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:13
S17	2	S16 and (ultra\$2violet or uv)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:21
S18	63181	(camera or imager or ccd or (imag\$3 near4 (devie or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:23
S19	8999	(camera or imager or ccd or (imag\$3 near4 (devie or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv) near6 (sens\$4 or measur\$4 or determin\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:24
S20	6845	(camera or imager or ccd or (imag\$3 near4 (device or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:24
S21	7136	(camera or imager or ccd or (imag\$3 near4 (device or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:24

## EAST Search History

S22	25	(camera or imager or ccd or (imag\$3 near4 (device or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4) with brightness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:29
S23	6253	(camera or (imag\$3 near4 (device or apparatus or captur\$4 or pick\$3up))) and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:30
S24	1251	camera and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4) and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:41
S25	2	"20040235431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:35
S26	2	"20050070327"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:37
S27	2	"6541775".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:37
S28	11	("4239554"   "4733383"   "4985632"   "5008548"   "5387798"   "5481506"   "5500532"   "5686727"   "5847397"   "5894454").PN. OR ("6541775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:41
S29	103	camera same uv near3 sens\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:41

## EAST Search History

S30	2	camera and (ultra\$2violet or uv) near3 (sens\$4 or measur\$4 or determin\$4 or detect\$4) same (adjust\$4 or correct\$4 or modif\$4 or chang\$4) near4 (brightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:43
S31	9	camera and (ultra\$2violet or uv) with (sens\$4 or measur\$4 or determin\$4 or detect\$4) same (adjust\$4 or correct\$4 or modif\$4 or chang\$4) near4 (brightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:47
S32	16	camera and (ultra\$2violet or uv or sun) with (sens\$4 or measur\$4 or determin\$4 or detect\$4) same (adjust\$4 or correct\$4 or modif\$4 or chang\$4) near4 (brightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 12:58
S33	15	("4047202"   "5177599"   "5270802"   "5282022"   "5283635"   "5319449"   "5644358"   "5659357"   "5691772").PN. OR ("6727942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:50
S34	20	("5659357").URPN.	USPAT	OR	ON	2007/06/09 12:53
S35	17	("5270802").URPN.	USPAT	OR	ON	2007/06/09 12:54
S36	0	("7006135").URPN.	USPAT	OR	ON	2007/06/09 12:54
S37	16	("20010007470"   "20020027601"   "20020113881"   "5043804"   "5319449"   "5337152"   "5526048"   "5659357"   "5691772"   "5732293"   "5751354"   "6160581"   "6363220"   "6573932"   "6727942"   "6791606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 12:54
S38	25	camera and (ultra\$2violet or uv or sun or sun\$1light) with (sens\$4 or measur\$4 or determin\$4 or detect\$4) same (adjust\$4 or correct\$4 or modif\$4 or chang\$4) near4 (brightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 13:00
S39	18	camera and (ultra\$2violet or uv or sun or sun\$1light) with (sens\$4 or measur\$4 or determin\$4 or detect\$4) same (adjust\$4 or correct\$4 or modif\$4 or chang\$4) near4 (background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 13:03

## EAST Search History

S40	510	(ultra\$2violet or uv) near2 sensor and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 13:03
S41	7	(ultra\$2violet or uv) near2 sensor and camera and (backlight or (background near2 illumination))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 13:08
S12 7	8	flAsh with ultra\$1violet near3 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:26
S12 8	330	348/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:27
S12 9	287	348/371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:28
S13 0	1394	348/222.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:31
S13 1	407	348/229.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 17:38

## EAST Search History

S13 2	2	"5777335".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 17:38
S13 3	379	((hoshino with kazuhiko) or (hirofumi with sumi) or (kazuya with yonemoto)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/01 11:59
S13 4	379	((hoshino with kazuhiko) or (hirofumi with sumi) or (kazuya with yonemoto)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/01 12:03
S14 7	546	infrared near2 filter with sensor and @ay<"1999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:56
S14 8	344	infrared near2 filter with sensor and @ay<"1999" and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:57
S14 9	5	protect\$3 with infrared near2 filter with sensor and @ay<"1999" and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 11:58
S15 0	21	protect\$3 with (infrared or ir) near2 filter with (sensor or imager or (imag\$3 near3 (pick\$1up or apparatus or device))) and @ay<"1999" and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 13:16

## EAST Search History

S15 1	41181	flip near3 chip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 13:16
S15 2	26	flip near3 chip and substrate with bump with (imager or sensor or ccd or (imag\$3 near3 (device or apparatus or tak\$3 or pick\$3up))) and @ay<"1999"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 14:05
S15 3	4	flip near3 chip and substrate with bump with (imager or sensor or ccd or (imag\$3 near3 (device or apparatus or tak\$3 or pick\$3up))) and @ay<"1999" and bump with (space or advantage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:44